C
C78mH
1907/08

Cooper College Quarterly

General Catalog

1907-1908

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

ENTERED AT STERLING, KANSAS
POSTOFFICE AS SECOND CLASS MAIL
. . . MATTER JULY, 1908 . . .

Volume Twelve Number Forty-Seven

Twenty-First Annual Catalog

—OF—

COOPER COLLEGE

College Department
Preparatory Department
Normal Department
Commercial Department
School of Elocution
School of Art
School of Music

1907-1908

STERLING, KANSAS

Sterling Kansas Bulletin Print

Volu

Calendar 1908-1909.

1908.

May 29, 8:15 p. m.....Concert by Choral Union
May 31, 3 p. m.....Sermon to Christian Associations
May 31, 8 p. m...Baccalaureate Sermon by Rev. A. N. Porter
June 1, 8:15 p. m.....Chrestomatheon Annual
June 2, 8:15 p. m.....Theomoron Annual
June 3, 2 p. m.....Class Day Exercises
June 3, 4 p. m.....Alumni Banquet
June 3, 8:15 p. m. .....Annual Address
Rev. W. A. Phillips, Greeley, Colo.
June 4, 8:15.....Class Play

FIRST SEMESTER.

September 15.....First Term Begins
November 13.....First Term Ends
November 16.....Second Term Begins
November 26-27..... .....Thanksgiving Recess
December 11.....Inter-Society Contest
December 18..... .Holiday Vacation Begins

1909.

January 4..... ....Holiday Vacation Ends
January 15.....Prohibition Contest
January 29.....Second Term Ends

SECOND SEMESTER.

February 1.....First Term Begins
February 14.....Day of Prayer for Colleges
April 2.....First Term Ends
April 5.....Second Term Begins
April 16.....Bible Reading Contest
May 7..... Oratorical Contest
June 10.....Commencement

College Senate.

The corporate powers of Cooper College are vested in a Senate which consists of Trustees and Directors convened in joint session and, for certain purposes, in the Trustees alone. The Trustees, resident in Sterling, are elected annually, the Directors, bi-ennially, by the Synod of Kansas. The Trustees meet in monthly session on the first Tuesday of each month, and the full Senate in annual session on the Wednesday preceeding commencement.

TRUSTEES.

J. Hanna, President.
W. B. Graham, Vice Pres.
J. W. Duff, Secretary.
F. M. Spencer, Ex-Officio
H. R. Ross, M. D.
W. E. Currie, M. D.
J. E. Junkin.
T. H. Brown.

DIRECTORS.

Rev. S. M. Hood, President.....Amoret, Missouri
J. G. Berry.....Sterling, Kansas
Rev. J. U. Brush.....Saxman, Kansas
W. A. Edgar.....Sterling, Kansas
Rev. J. C. Gibney.....Newton, Kansas
Rev. J. H. Gibson, D. D.....Springfield, Missouri
A. B. Gilchrist.....Walton, Kansas
I. L. McCracken.....Sterling, Kansas
Rev. I. C. Rankin.....Tulsa, Oklahoma
J. H. Stavely, Esq.....Lyndon, Kansas
Rev. C. H. Strong, D. D.....Sterling, Kansas
Rev. J. S. Turnbull.....Viola, Kansas
Garfield W. Weede.....Topeka, Kansas
Rev. James White, D. D.....Topeka, Kansas
S. A. Wilson, Sec. and Treas. Endowment..Sterling, Kansas
Talmon Bell, Treas. Current Funds.....Sterling, Kansas
Rev. A. N. Porter, Business Manager.....Sterling, Kansas

Faculty and Instructors.

REV. F. M. SPENCER, D. D., President and Professor of Mental and Moral Science.

S. A. WILSON, A. M., Professor of Ancient Languages.

TALMON BELL, A. M., Vice President and Professor of Mathematics.

REV. ALBERT N. PORTER, A. M., Professor of Political Economy.

HARRY E. SQUIRE, A. B., Principal of Normal Department and Professor of History.

MARY W. SELLARDS, A. M., Professor of German and Assistant in Latin.

R. M. HORNER, A. M., Professor of Botany and Biology.

REV. R. J. DODDS, A. M., Assistant in Mental and Moral Science.

*CLARENCE A. NASH, A. B., Instructor in Chemistry and Physics.

ALICE M. BROWN, Instructor in Art.

*EDITH CAPPER, Instructor in Elocution and Physical Culture.

ROY R. MATHEWS, Principal of Commercial Department.

WINIFRED WHERRY, Director of Instrumental Music.

MAUDE BURR, Director of Vocal Music.

MINNIE P. ALLINGTON, Assistant in Commercial Department.

GRACE B. GIFFIN, Instructor in Elocution and Physical Culture.

*Resigned.

Officers of Faculty—President, F. M. SPENCER; Registrar, MARY W. SELLARDS; Secretary, ROY R. MATHEWS.

Committee on Athletics—A. N. PORTER and H. E. SQUIRE.

Committee on Courses of Study—S. A. WILSON and TALMON BELL.

Historical and Local Statement.

Cooper College was founded in 1887. The building was erected by the Sterling Land & Investment Company, whose aim was to add to the attractions of Sterling, bring a good class of citizens, and thus improve the town and community.

This aim has, to a large extent, been accomplished. A large number of substantial families have come to Sterling on account of the college. They have helped to beautify the homes, and to add to the business of the town. Sterling is one of the cleanest, prettiest, most desirable towns in Kansas, and every year adds to its beauty and to its desirableness as a residence town.

The building and ten acres of campus was deeded to the Synod of Kansas, of the United Presbyterian church, on conditions which have been fully met. The aim of the Synod was to establish an institution of learning where young people could receive Christian education.

The Synod of Kansas established the College, first, for her own young people. In a larger sense the college was established for all the young people who might apply for the privileges of the institution. All are made welcome. The college is not sectarian. There is no difference made on account of religious faith. All stand upon an equality.

Cooper is a college for the people, liberal, free, and ardent for the truth, with a firm conviction that the education which makes the true man is based upon the Christian religion. Imbued with this spirit, Cooper College aims to foster and encourage spiritual growth and the development of Christian character.

Because Cooper is a Christian institution, the Bible has an honored place in the course of study. True science is in perfect harmony with revelation and is so taught. The spirit of the institution, and the aim of those who have charge of it, is to develop by means of such instruction the

highest type of manhood and womanhood. We can point with pride to the young men and women who have received their education in Cooper College.

Cooper College is favorably situated. Sterling is a typical college town. She has a wide awake population of 2300 people. Her streets are broad and clean. Beautiful residences, comfortable churches, and well arranged business houses tell the story of thrift and progress. Shade and fruit trees make her worthy of the name "Forest City." Electric lights, waterworks, and an up-to-date opera house add to her attractions. Natural advantages and the public spirit of her citizens, make Sterling a desirable residence town.

Sterling has long been a temperance town. The thoro enforcement of the prohibitory law, and the high moral character of her citizens make Sterling a good college town.

Sterling is not far from the center of Kansas, and is in the heart of the wheat belt. Wheat, corn, broomcorn, sorghum, kafir corn and alfalfa are staple crops. Central Kansas is developing rapidly, and is becoming more and more desirable for agricultural purposes.

Health conditions are favorable. The altitude of Sterling is 1640 feet above sea level. The air is dry but not too rare. There is much sunshine. During the winter months there is little rainfall. Lung trouble is rare. There have been but few cases of diptheria in the city. Many persons who cannot live in eastern States might enjoy good health here. This has been tried and proven by many Sterling people. A number of students have come to Cooper on this account. If conditions were fully understood, a great many more would come.

The college building is in excellent condition. It has recently been thoroly overhauled, reroofed and freshly painted. Electric lights have been put in this year, add-

ing much to the comfort and convenience of night meetings. To comply with the state law, a fire escape ladder has been put up outside leading to the west windows of the college chapel. The trees on the campus furnish shade and add to the beauty of the plant. These improvments make possible better work on the part of both teachers and students.

Sterling Chautauqua.

The Arkansas Valley Chautauqua Association held its first annual meeting July 6-14, 1907. The second meeting is to be held July 10-19. Some of the attractions for 1908 are as follows:

Lecturers—Dr. Albert Bushnell, Mrs. Gen'l Pickett, Col. Robt. S. Seeds, Dr. Frank Gunsaulus, Rev. Frank Delo, Thos. P. Byrnes, Edw. A. Fredenhagen, A. M., Dr. J. Boggs Dodds, Dent Atkinson, Ph. D., Meddie Ovington Hamilton, Rev. W. L. Harris, Dr. D. D. Akin, Hon. Jos. Bristow, Senator Chester I. Long, Hon. W. R. Stubbs, Hon. Cy. Leland, Gov. Johnson, of Minnesota, John H. Atwood.

Entertainers—Paul M. Pearson, Ralph Bingham, Quaker Concert Band, Miss Mary Eustice, Moving Pictures, Soloists, Cooper Ladies Quartette, Glee Club, Men's Quartette.

Material Equipment.

Buildings.—The college building is of Strong City limestone, and is one hundred and twenty feet by fifty, three stories high. It is finished in good style, has large single windows, a chapel to seat over three hundred, besides ten other larger and ten smaller rooms. These are well adapted for class rooms and other purposes.

The Art Studio is on Seventh Street. It has roof light and is furnished with china kiln, models, etc.

The Campus consists of ten acres set with a variety of trees. It contains the college, McCracken Athletic Field, and tennis ground. It is about three-fourths of a mile from the center of town.

The Museum.—The Museum contains a considerable amount of material illustrative of the natural sciences. Specimens of minerals and rocks from many localities are included in the geological collection; each geologic age being represented. Kansas and Colorado are well represented. All sections of our state furnish specimens of rocks and fossils. Through the gift of Rev. John P. White, of Topeka, Kan., a former missionary to Egypt, the college possesses a very valuable geological collection from Egypt and the Holy Land. A collection illustrative of Egyptian life is accessible through the kindness of Mr. A. G. Smith.

Dr. and Mrs. H. T. McLaughlin, our missionaries to the Sudan, have recently presented to Cooper valuable curios from that field, estimated to be worth from five to seven hundred dollars.

The zoological specimens include collections illustrative of marine invertebrate life, birds' eggs and bird and mammalian life of Kansas. The flora of Rice County is illustrated by botanical specimens. Mounted specimens from other localities are also in the collection. It is the

aim to make the Museum not merely a collection of curiosities, but an important factor in advancing the scientific work of the students.

Laboratories and Instruments.—The Chemical and Biological Laboratories are large and conveniently arranged, furnished with city water, and new desks for individual use in experimenting. Cases and shelves are fitted up with a complete line of chemicals and reagents, glassware, crucibles, electrolytic apparatus, blow pipes, thermometers, balances, etc., sufficient for thorough, general and analytical courses.

The Physical Laboratory has individual desks for experimental work, and large glass cases for storing instruments and apparatus. The apparatus includes a Holtz electric machine, and X-ray outfit, a Colt stereopticon, induction coils, motor, galvanoscope, Jolly balance, spectroscope, etc. The laboratory work this year has included a good representative line of experiments in general Physics.

A considerable addition has been made to these laboratories during the year. Apparatus for the working of about twenty experiments in General Physics has been secured. Particular mention may be made of chemical balance, spectroscope, etc., improved for the Chemistry department, also the Leed's d'Arsonal galvanometer, Queens resistance box, etc., for the physics work.

The Biological Laboratory is well supplied for the work in preparatory classes, and fairly well for the advanced work. The college has good compound microscopes, physiological apparatus, hand lenses, and dissecting tools, as well as the usual chemical reagents. A hand microtome and camera lucida adds much to the value of the equipment.

The additions to the Biological apparatus during the year are: 4 Reichert microscopes, 1 Beck microscope, 1 dissecting microscope, 1 large Reichert sliding microtome,

1 hand microtome, 12 camel hair brushes, 1 whirling table, 100 glass slides, 2 ounces cover glasses, 6 Petrie dishes, 6 covered specimen jars, 2 bell jars, 150 slides of mounted class material, 1 plant press, 1 collecting case, 2 diggers, 18 watch glasses, 2 herbarium cases, 1000 sheets of mounted and classified plants in genus covers and representing all the large groups, 300 species of parasitic fungi in envelopes, 100 bottles of marine algae, 60 bottles of classified wild seeds, bottles of hyroids, bryozoa, starfish, sea urchins, squids, nudiibranchs, barnacles, sea worms, viviparous perch, 6 mammalian skulls, 1 mole, 7 scalpels, 1 shears, 1 dissecting scissors, 1 tinner's shears, soldering outfit, 2 iron vises, 4 sets metric weights and brass forceps, 1 platform balance, 1 hornpan balance, 3 graduates, 3 chemical thermometers, 4 hydrometers, 2 hydrometer jars, 1 barometer with theremometer, 1 burette, 6 retorts, 100 test tubes, 12 mortars and pestles, 12 porcelain evaporating dishes, 6 porcelain crucibles, 1 iron crucible, 2 drying tubes, 3 alcohol lamps, 1 gas generator, foot bellows and blast lamp, 12 feet rubber tubing, 24 rubber stoppers, 2 pounds glass tubing and rods, 2 test glasses, 600 filter papers, test papers, 1 pycnometer, 1 calorimeter, 7 ring stands, 16 rings, 13 clamps, platinum foil and wire, asbestos sheet and wool, 6 crucible holders, 2 crucible tongs, 6 pinch cocks, 6 test tube racks, 12 funnels, 36 beakers, 36 flasks, 200 bottles of chemicals and biological stains and reagents, 250 specimens of minerals and fossils, 1 coefficient of expansion apparatus, 1 Harvard "apparatus A," 1 air pump, 1 air condenser, 1 rotator, 1 Boyle's law apparatus, 1 top, 1 Newton's disk, 1 gyroscope, 1 equilibrium apparatus, 1 inclined plane car, 4 spring balances, 1 plumb bob, 8 meter sticks, 2 protractors, 1 micrometer caliper, 1 vernier caliper, 1 hinged caliper, 1 divider, 2 draughting triangles, 1 concavo convex mirror, 6 interference apparatus, 1 diffraction grating, 1 bubble apparatus, 1 surface

tension apparatus, 2 glass prisms, 1 refraction apparatus, 2 convex lenses, 1 plano-convex lens, 1 Coddington lens, 1 aplanatic magnifier, 5 plane mirrors, 3 turning forks, 1 organ pipe, 1 wheel and axle, 8 pulleys, 4 pendulum bobs, 1 dissected cone, 1 dissected induction coil, 2 telephone induction coils, 1 eight-inch Rhumkorff coil, 1 four-inch Rhumkorff coil, 1 magnetizing coil, 1 earth inductor, 4 telephone receivers, 2 transmitters, 1 telegraph relay and sounder and key, 1 D'Arsonval galvanometer, 1 astatic galvanometer, 2 tangent galvanometer, 1 magnetometer, 1 Wheatstone bridge, 3 electric motors, 4 bar magnets, 1 horseshoe magnet, 3 electromagnets, 1 incandescent lamp, 1 Weston ammeter, 1 Eldridge voltmeter, 1 electrophorus, 4 Leyden jars and discharger, 9 Edison primary batteries, 1 Daniell's cell, 1 storage cell, 6 battery jars, 4 porous cups, 1 electric bell, 1 buzzer, frictional electric apparatus, 1 gold leaf electroscope, 8 connecters, 6 binding posts, 24 reels assorted covered copper wire.

The Astronomical Department owns a refracting telescope, focal length four feet, objective four inches in diameters, with two eyepieces, one magnifying 225 diameter. It is equatorially mounted on a tripod with alt-azimuth circles.

Library.—The library contains some 3500 catalogued books and pamphlets and nearly as many unbound magazines. Three general encyclopedias are accessible to the students and a history encyclopedia. Three full catalogues—accession, author and title—are kept, and in addition, a card catalogue by author and title has been prepared, and in part a "special subject" card catalogue. New cards and subjects are being constantly added. The Smithsonian reports and other volumes in science have especially been made accessible in this last catalogue and during the past year a considerable amount of magazine literature has been topically arranged.

Some 200 or more volumes, in part general literature, and in part special works for collateral reading in the departments of English, Economics, Ethics and Philosophy, Pedagogy and Language, have been added during the past year. The college possesses nearly a complete set of the official state publications of Kansas. Through the library fee provision is made for constant additions of current literature and special scientific and departmental publications.

During the year, through the kindness of Representative Madison, Cooper Library was made a depository for all governmental publications.

A missionary library case has been placed in the library, containing volumes of the best missionary literature.

Through the kindness of publishers and others or by subscription, the reading tables have been supplied with a number of magazines and other periodicals. Among them have been the following. Review of Reviews, World's Work, McClure's, Pearson's, Success, Delineator, Woman's Home Companion, Century, Cosmopolitan, Saturday Evening Post, Collier's, Scientific American, Circle, United Presbyterian, Christian Instructor, Presbyterian, Western School Journal, Lyons Republican, Lyons Eagle, Central Kansas Democrat, Barton County Democrat, Sterling Journal, Christian Statesman, American Economist, Advocate of Peace, Our Dumb Animals, Kansas City Star and Times, Topeka Capital.

The high school and college publications received by the Cooper Courier have also been placed on the reading table by the editors.

The Sterling Public Library is also available to students. Through the courtesy of the Sorosis ladies' club, a ticket to this library has been given for use of the college. This library contains 2000 or more volumes and is an excellent selection of current and standard literature. The best of recent publications in fiction and science are added each year.

College Organizations.

The Y. M. C. A. and Y. W. C. A.—These two societies are student organizations for Christian work. D. H. Buchanan is president of the former, and Mary Adams of the latter, Prayermeetings are held each Monday evening.

Literary Societies.—There are two literary societies, the Chrestomatheon and the Theomoron. The former was organized in 1888, and the latter in 1894. Each society has a fine hall, beautifully finished and furnished. Both are lighted by electricity, put in this year. Each has an upright piano, and music is a feature of the weekly program. Medals are prespnted to members of the graduating class by their resoective societies. The literary training in these societies is of a superior character, and is of great benefit in contests with other colleges.

The Alumni Association.—The officers are, Miss Lottie Inches, President; E. H. Lees, Esq., Vice President; Miss Grace Giffen, Secretary; and Miss Ollie Guttery, Treasurer, This association serves the annual banquet, nominates two members of the college senate, and is in every way helpful to the college.

Athletics.—The Athletic Association has the management of inter-collegiate football, basket ball and baseball. Student managers are elected for the various teams, and the oversight of all athletics is vested in a board of control composed of two members of the faculty together with the officers of the Athletic Association, and one member of the Board of Trustees. McCracken Field, in the college campus, is well adapted to games of all kinds.

Cooper's football team of 1907 was one of the best in central Kansas, and won a good share of games. In the track meet on May 1st between Cooper and Friends University, Cooper won every first, and a total score of 74 points against 29 points for Friends. For several years

Cooper has had good basket ball teams both of boys and of the girls. On May 16, several High School teams competed at Sterling under the auspices of the Faculty of Cooper assisted by the students. The Association is a member of the State Athletic Association, and took part in the annual meet.

The college students and the students of the High School have arranged for the following attactions for the lecture course for the coming year: Whitney Brothers Male Quartette, Monteville Flowers, Scheldkret Hungarian Orchestra, Elma B. Smith Company and lectures by Edward Amherst Ott and Judge Willis Brown.

The first of a series of debates between Cooper and Fairmount colleges was held in Wichita, Friday evening, April 10. The subject was, "Resolved that private ownership of land is preferable to communal ownership." Cooper affirmed and Fairmount denied. Cooper won by a unanimous decision. Cooper's debaters were Eula Spencer, of Sterling, and Mathew S. McMillan, of Greeley, Colo.

Bible Contest.—The Sixth Annual Bible Reading Contest was held in March. Myndert VanPatten won first place, Laura Gilchrist second, Richard Adams third, and Stella Puntenny fourth. These contests were inaugurated under the auspices of Mr. J. P. Tracy, of Detroit, and he still aids in their support.

The Inter-Society Contest between the Chresto and Theo societies came off on Dec. 19. The Chresto society was represented by Libbie Gault, declaimer, Blanch Adair, essayist, Jetta Kuhn, orator, and by Roy Kauffman and Chas. Wilson, debaters. The Theo society was represented by Elma Gailey, declaimer, Idella Greenlee, essayist, Houston Buchanan, orator, and by Matt S. McMillan and Ralph Lindsay, debaters. The Chresto society won declamation and essay. The Theo. society won oration and de-

bate. The question for debate was, "Resolved that the railroads of the United States should be owned and operated by the government."

The Cooper Courier is controlled and edited by the students. It is published monthly and this year completes its sixteenth volume. The editors are elected annually by the students. The Courier has always been a credit to the college.

The editorial staff for the past year has been as follows: Eula Spencer, '08, Editor in Chief;Blanch Adair, '08, Literary Editor;Clara Gailey '09, Local Editor; Jennie Miller '09, Exchange Editor; Arthur Brownlee '10 and T. C. Anderson '09, Athletic Editors; Bertram McCrory '09, Alumni Editor, and D. H. Buchanan '10, Business Manager.

The Cooper Quarterly is published by the Faculty as a bulletin of information of the departments, courses, lectures, changes and the general work of the college. It is sent free on request.

General Information.

Government.

The government of the college is paternal. Good behavior and earnest application to study are considered necessary on the part of all connected with the institution. No published rules are furnished, but students are expected to comply with all regulations deemed necessary by the Faculty. The President is the executor of the Faculty to enforce these regulations. Reports will be sent to parents or guardians at the end of each semester.

The College Year.

For some time, the college year has consisted of forty weeks, divided into two semesters of twenty weeks, and each of these subdivided into two terms of ten weeks. In

order to co-ordinate more closely with the State University and with other denominational colleges of the State, the system adopted by these institutions has been accepted. In order to adapt our work to this system, the college year has been reduced to thirty-seven weeks, divided into two semesters. The first semester will have eighteen weeks, and the second will have eighteen weeks for class work, and commencement week, or nineteen in all. The college year will commence a week later; two weeks vacation will be given at Holidays instead of one and college will close a week earlier. This will give two weeks longer for the young men to earn money in the summer vacation.

College Credits.

In the new system, all recitations will be one hour in length, both in the preparatory and in the college proper. A "unit" in the preparatory department is a recitation, an hour long, four times a week, throughout the entire year. Fifteen such units are required for graduation in this department, though a student may enter the Freshman class conditionally with but twelve such units. In the college department, the "unit" is five recitations per week, an hour long for eighteen weeks or one semester. For graduation with the degree of A. B., twenty-four such units are required. These twenty-four units are equal to one hundred twenty hours.

The College Course.

The entire course of study, as thus laid out, requires eight years, four in the preparatory department and four in the college proper. Strong students, however, can complete the course in seven years. Many of our students come from the farm and are more mature than the average high school students, and are willing to carry heavier work. Such students can readily complete the course in seven years. They will be allowed to do so.

COOPER COLLEGE LADIES' QUARTET.

Expenses.

College Fees.

Tuition per semester, in advance	$18 00
Tuition per semester, not in advance	19 00
Tuition per term of 9 weeks in advance	10 00
Tuition per week for less than term	1 25
Graduating fee—College of Liberal Arts	5 00
Graduating fee—Business Department	3 00
Graduating fee—Conservatory of Music	5 00
Special examination fee	1 00
Chemistry fee	4 00
Physics fee	2 00
Botany and Zoology fee	2 00
Physiology fee	2 00
Geology fee	1 00
Library fee	50
Athletic fee	50

Deposits.

For breakage and waste in Prep. Science	$2 00
For breakage and waste in College	5 00

Commercial Department.

Tuition per semester, in advance	$24 00
Tuition per term in advance	13 00
Tuition per week in advance	1 60
Books, etc., for Bookkeeping Course about	9 00
Books, etc., for Shorthand Course about	4 50
Books, etc., for Combined Course about	11 00
Typewriter rent per month, one hour a day	1 00

Music Department.

PIANO AND VOICE.

Two lessons per week per semester, in advance	$18 00
Two lessons per week per term, in advance	10 00
One lesson per week per semester, in advance	10 00

One lesson per week per term, in advance	5 50
By the lesson	60
Choral Class fee per semester	2 00
Piano rent, one hour per day, per month	1 00

Art Department.

Term of 10 lessons	$4 50
Per lesson	50

Notes.

Only in case of protracted sickness will fees be returned.

For one subject half tuition will be charged; for two subjects full tuition.

The graduating fee is included in the semester bill of the second semester and is to be paid at the beginning of the semester, of the senior year.

All tuition fees and deposits are due strictly in advance and students will not be enrolled in classes till payment is made.

Additional deposits may be required when breakages occur.

Board.

Table board per week	$2 50 to $3 00
Board and room, two in a room	3 00 to 3 50
Self-boarding	1 50 to 2 00
Rooms, unfurnished, per week	25 to 50
Rooms, furnished, per week	50 to 1 00

Estimated Expenses.

A conservative estimate of all expenses on the self-boarding plan for a year's schooling would be $115.

A moderate estimate on the private boarding plan would be $150.

A liberal estimate on the private boarding plan would be $200.

The College makes every effort to keep expenses down

to the minimum, consistent with good health and best working power of students, and the students join heartily in this effort.

For the past two years there has been no club boarding but the College would be glad to see clubs re-established. Every encouragement will be given for the formation of such clubs, should there be students desiring to form them.

The estimates do not include clothing, traveling, nor private personal expenses. These are largely dependent on the student's personal tastes and habits.

There are few places where the total expenses are less than they are in Sterling.

Self Help.

A large number of Cooper students are self supporting and the College is always glad to aid in securing employment. Gentlemen can get work almost every Saturday. A few obtain board and room for work in homes; others secure the care of furnaces. Many earn enough in the summer vacation to keep themselves in school for the year. Others pay all expenses by the work obtained during the year.

Scholarships.

Free Scholarships are offered to graduates, class of 1908, of any accredited high school in the state as follows: To the student taking first rank, a scholarship for one year; second rank, one semester.

McCracken Scholarships—Founded by the late Wm. McCracken, of Sunnydale, Kansas. These scholarships provide tuition and fees and some other expenses for bright young people of the Indian and Negro races. Inquiry may be made of the President.

Regulations.

Admission.—Students are admitted to the first year of the Preparatory Department on registering and filling out the enrollment blank furnished them.

Advanced Standing.—Students are required to produce a certificate from a recognized High School or College, or pass an examination on preceding subjects of the course.

Registration.—Each student is required to register at the beginning of each semester, giving such information concerning himself and the work desired, as the Faculty may request. No student is entitled to any credits until he has registered.

Reports.—Grades are made up at the end of each semester. At the close of each semester a report of the student's attendance and grades is sent to the parent or guardian.

Absences.—Students are required to make up the work of recitations from which they have been absent by written test or special recitation within a week of the date of absence. No student having absences not made up is entitled to credits in the subject.

Number of Subjects.—No student is permitted to take less than three nor more than four daily subjects in the Preparatory Department, or more than eighteen hours in the College Department at one time except by the vote of the Faculty. Students may choose subjects not in the regular order of their courses only by permission. No student will be allowed to leave a class, having once enrolled, without express vote of the Faculty.

Public Exercises in recitation, oration or essay may be assigned to students in regular college classes once each year.

Laboratory Work.—Each Chemistry student is required to have an apron, towel, piece of clean cloth, sponge

and soap. The apron may be plain denim, should be long, with fixed strap for neck and button strap for waist.

Examinations are held upon the completion of a subject. In determining the final grade upon any subject the average recitation grade and the examination grade count each one-half. Other examinations may be held at such times as the professor in charge may determine, Should students desire an examination at another time than that of a regular examination, or that appointed by the professor in charge, it may be obtained by the consent of the professor in charge and the payment of a fee of one dollar.

College of Liberal Arts.

Entrance Requirements.

Entrance to the Freshmen class may be obtained either by examination or by certificate of graduation from one of the accredited High Schools of the state, or by completing the Preparatory course of the college.

Students desiring admission by examination should present themselves on the day preceding the opening of the college in September, or at the opening of any of the other terms.

A certificate of satisfactory work done in any of the accredited High Schools of the state entitles the student to entrance credit in the subjects covered. Instead of presenting a diploma, the student should present a statement from the superintendent of the school, showing the subjects in which he has done satisfactory work. No entrance credit can be filed with the registrar until this is done.

Preparatory work in the college or in an accredited High School is estimated in terms of the "entrance unit." A subject (like Latin, for instance) running one year of

thirty-five weeks, five recitations per week, with at least forty minutes for each recitation, or four recitations per week of one hour each, constitutes one entrance unit. In computing entrance units, the laboratory period should be twice the length of a recitation period.

For unconditional admission to the college, fifteen units are required. Students may enter college conditionally with a temporary deficiency of not more than three units. Entrance conditions must be removed as soon as possible, and in all cases before the Junior year. Only as a special student can any one be permitted to take college work, who lacks more than three units.

Subjects for Admission.

The subjects from which entrance work may be offered, together with the number of units, are arranged in six groups, as follows: for unconditional entrance, a total of fifteen units must be offered.

GROUP I—English. English, four units. Three units are required.

GROUP II—Mathematics. Elementary Algebra, one and one-half units. Plane Geometry, one unit; Solid Geometry, one-half unit; Plane Trigonometry, one-half unit; Advanced Algebra, one-half unit. The Elementary Algebra and Plane Geometry are required.

GROUP III—Foreign Language. Latin, four units; Greek, three units; German, three units; French, three units. Of these, three units are required, which must be in Latin or German.

GROUP IV—Physical Sciences. Physical Geography, one unit; Physics, one unit; Chemistry, one unit. One unit is required.

GROUP V—Biological Sciences. Botany, one unit; Zoology, one unit; Physiology, one unit. One unit is required.

GROUP VI—History. Greek and Roman, one unit; Mediæval and Modern, one unit; English, one unit; American, one unit; Economics, one unit.

Of the above fifteen units, eleven and a-half are prescribed by group; the remaining three and a-half units may be chosen without restriction. These required units are: three units of English, three of either Latin or Ger-

man (not a combination of the two), two and one-half units of Mathematics; two units of Science work and one of History; the remaining three and one-half units may be selected from the six groups without restriction.

The above requirements are identically the same as those required for admission to the State University. When a student has done the work prescribed in the approved course of study in any fully accredited high school in the state, he can enter Cooper College unconditionally.

Requirements for Graduation.

To secure the degree of Bachelor of Arts the student must complete 120 hours' work. Laboratory periods are double the length of college work. Ten hours' work in music, elocution or drawing may be credited on the course, if the work is of college grade; but all work so credited must be done in the departments of this college.

During the Freshman and Sophomore years sixty hours' work must be completed. Five hours' work is called a college unit. Twenty-eight units are required by group in the preparatory school and college. Twenty-three of these units must be completed before the Junior year. The remaining units necessary for graduation are elective. The student chooses a major in which he must complete six units of college work, then with the consent of the head of the department in which the major was chosen he selects two minors of two units each. The remainder of the work is elective, subject to the approval of the department in which the major is taken.

If possible, the major work should be chosen during the Sophomore year.

Courses Required for Graduation.

Including the fifteen entrance units all candidates

must complete the following twenty-eight units:

English	4 units
Foreign Language	6 units
Mathematics	4 units
Physical Science	4 units
Biological Science	3 units
History and Economics	3 units
Philosophy	1½ units
Elocution	½ unit
Bible	2 units

Courses Required of Freshmen and Sophomores.

The following courses must be completed before the Junior year. Of these, English 4 must be taken by Freshmen.

English, 5 hours; Foreign Language, 10 hours; Mathematics, 5 hours; Chemistry, 5 hours; History, 5 hours.

Electives for Freshmen.

Freshmen may take work from the above required studies to make 15 hours, or by combining required studies with any of the following electives: Latin 1, 2, 3, 4, 5, 6; German 1, 2, 3, 4; Greek 1, 2, 3, 4; Botany 1; Zoology 1, 2; Mathematics 3, 4, 5: Chemistry 1, 2; History 1, 2, 3, 4; Bible 3, 4.

Electives for Sophomores.

Sophomores must finish all courses required of Freshmen and Sophomores, and may make up the remaining hours from the following: Latin 3, 4, 5, 6, 7, 8; Greek 1, 2, 3, 4, 5, 6; German 1, 2, 3, 4, 5, 6; Chemistry 1, 2, 3, 4; Zoology 1, 2; Botany 1; Physiology; English; History 2, 3; Bible; Mathematics 6, 7, 8.

Junior and Senior Work.

The student must complete all regular studies, all major and minor work, and in addition work to make a total of 120 hours.

Amount of Work.

No student may enroll for less than 14 or more than 18 hours' work, but all applications for enrollment are subject to approval of Faculty. Fifteen hours' work is counted as regular work, but three additional hours may be taken on approval of Faculty, if the student secures a grade of 1 in all regular work.

DEPARTMENTS OF STUDY.

Bible.

DR. SPENCER.

1. Introductory course in the Old Testament. A study of the Old Testament. Required of first year preparatory students. Two hours thruout First Year Preparatory.

2. Introductory course in the New Testament. Intended to familiarize the student with contents of New Testament. Two hours thruout the second year Preparatory.

3. History of the New Testament Church. Two hours, First semester. As given in New Testament and Modern History including the development of Foreign Mission Work.

4. Evidences of Christianity. Three hours, Second semester. External Evidences, Miracles and Prophecy; Internal evidences, the power of the word on the heart and life.

Biological Science.

PROF. HORNER.

Zoology.

1. *Zoology.*—Four hours, one year. An introductory course in general zoology. Laboratory work, recitations, lectures, reading. Local and marine forms will be studied

Four laboratory periods per week will be used.

2.—*Zoology.*—Advanced course, five hours, First semester. Mammalian anatomy and osteology. Study of human skeleton. Methods of injection and of staining and mounting for the microscope. Zoology 1 required. Two laboratory periods, and three recitation periods per week.

Physiology.

1. *Physiology.*—Five hours, Second semester. Advanced course in human physiology, Laboratory work and recitations. A practical course, with special emphasis laid upon the laws of hygiene. Required of all candidates for the degree of Bachelor of Arts. Three recitation periods, and two laboratory periods per week.

Botany.

1. *Botany*—Four hours, one year. An introductory course. Recitations, laboratory work and field excursions. Morphology, physiology, ecology, histology and genealogic relations will be introduced. Cryptogamic forms will be studied during the latter half of the year. Four laboratory periods per week will be used.

This course will alternate with Zoology and will not be given in 1908-9.

Education.

PROFESSOR SQUIRE.

1. *History of Education,*—Five hours, First semester. Olin's Outlines are used with library. The work covers oriental, classical, mediaeval and modern education, including a special study of education in United States. This course should be preceded by ancient and modern history. (Given 1908-9.)

2. *School Law.*—Two hours, Second semester. A close study is made of the Kansas school system, its origin and growth, organization and maintainance, merits and defects. The primary object is to give a knowledge of Kansas school laws. To better understand these, a com-

parison is made with laws of other states. (Given 1908-9.)

3. *School Management.*—Three hours, Second semester. The work covers the ground as treated in text books on the subject, together with a study of present day problems incident to school organization and management.

Topics considered: "The People and the Schools," "School Organization and Control," "Material Appliances in School Economy," "Administration and Supervision." (Given 1908-9.)

4. *General Methods.*—Two hours, Second semester.

A study of psychology in its relation to the art of teaching, physical education, instincts, self activity, apperception, interests, attention, habit formation, memory, correlation, analysis, synthesis, inductive and deductive methods of teaching, moral training and motor education, study and recitation. Library course. (Given 1909-10.)

5. *Philosophy of Education.*—Three hours, Second semester. Rosenkranz' Philosophy of Education, and Harris' Psychologic Foundations of Education, are used as texts. Education is considered from the two-fold aspect of society and the developing mind of the child. Should be preceded by psychology. (Given 1909-10.)

Economics.

PROFESSOR PORTER.

Economics.—5 hours, Second semester.

The work during the past year has been based on Walker's Advanced Course and Seligman's Principles of Economics with reading from Jevon's Money and the Mechanism of Exchange. White's History of Money and Banking in the United States. Clark's Distribution of Wealth and Adams and Sumner's Labor Problems.

English.

(Courses 1, 2 and 3 are preparatory.)

1. Four hours weekly throughout the year. First semester is given to the study of English Grammar and

composition. Second semester is given to Rhetoric, composition and study of classics. Rhetoric is studied only in connection with composition and reading. The following classics are studied, partially in class and partially out; Ivanhoe, Lady of the Lake, House of Seven Gables and Idylls of the King.

2. Four hours weekly throughout the year. Rhetoric, Composition, and reading are continued from Course I. Classics to be read: Silas Marner, Ancient Mariner, Burke's Speech on Conciliation, Vision of Sir Launfal, Essay on Burns and three selected plays of Shakespere.

3. Four hours weekly throughout the year. Study of the History of English Literature with the following classics: Essay on Milton, Minor Poems of Milton, Vicar of Wakefield and other works as selected.

Critical English.—Three hours, First semester; two hours,Second semester. Includes a study of the principles of composition with a practical application of these in composition including the follow topics: narration, argument, description, short story and essay. Required of all Freshmen.

German.

MISS SELLARDS.

1. *Beginning German.*—Four hours, First and second semester. Bacon's German grammar. Exercises in reproduction of the text and conversation. One or two of the smaller classics—Storm's Immensee or Gerstacker's Germelshausen.

2. *Schiller.*—Five hours, First semester. Life of Schiller, Wilhelm Tell and Marie Stuart.

3. *Composition.*—Three hours, Second semester. Jagemann's German Syntax and Bernhardt's Composition.

4. *Schiller.*—Two hours, Second semester. Die Jung frau von Orleans.

5. *Lessing.*—Five hours, First semester. Life of Les-

sing and study of Nathan Der Weise and Emilia Galotti.

6. *Goethe.*—Five hours, Second semester. Egmont, Hermann and Dorothea and Iphigenie. Outside reading and papers.

Greek, Language and Literature.
PROF. WILSON.

In all the Greek Courses it is the aim—a good foundation in the grammatical principles of the language having been secured—so to study the authors that there may be appreciation of their thought and literary excellence.

I. *Beginning Greek and Anabasis.* Book I.—Careful attention is given to paradigm and conjugations and the fundamental princples of Syntax, the pronunciation reading and translation of the lessons in White's First Greek Book and Book I of the Anabasis. Four hours, First and Second semesters. Preparatory Course, but students entering Freshman class without conditions will be given college credits on this course.

II. *Anabasis.* Books II-IV.—The essential points of inflection and syntax thoroughly reviewed. Five hours First semester.

III. *Homer's Illiad.* Books II-IV.—Translation together with some study of Mythology, Greek Archaeology and the structure of Epic poetry. Five hours, Second semester.

IV. *Memorabilia.* Books I IV.—Study of the life and times of Socrates and the principles of his philosophy. Five hours, First semester.

V. *Greek Testament.*—One of the Gospels is read and such of the epistles as time allows. Three hours, Second semester.

Courses 1-5 are required of students who choose Greek as their major study. The following elective courses are offered:

VI. *Demosthenes, DeCorona.*—Greek Orators and

Oratory, The Courts of Law, Thesis. Three hours, First semester.

VII. *Plato's Apology and Crito.*—Special study of the thought. Three hours, Second semester.

VIII. *Euripides, Prometheus Bound.*—Study of Grecian Dramatic Art. Three hours, First semester.

IX. *Aristophananes, Clouds.*—Study of Greek Comedy. Three hours, First semester.

History.

PROF. SQUIRE.

1. *Greek and Roman History.*—Four hours throughout the year. Preceded by a preliminary study of the oriental nations. Morey's text is used with library reading and map drawing. Open to preparatory students.

2. *Mediaeval History.*—Five hours, Second semester. History of Europe from fall of Rome to close of French Revolution. Leading events will be grouped around the Holy Roman Empire, German Migrations, Feudalism, the Church, Renaissance, Reformation, French Revolution, and the rise of Modern Nations. Robinson's Western Europe is used as a text supplemented by Robinson's Readings in European History. Open to all college students.

3. *English History.*—Five hours, First semester. Ransome's text is used with library reading and map study. Special emphasis is placed on the political and constitutional phase. Open to all college students.

4. *American Political History.*—Five hours, Second semester. Johnson's American Political History, covering period 1763-1876, is used as a basis for the work with collateral reading. The library has a choice selection of both source and secondary works in American History. Open to all Juniors and Seniors of the college. Others may be admitted, if they are mature students and have had the other courses in history.

Latin, Language and Literature.
PROF. WILSON, MISS SELLARDS.

The Latin courses are intended to give exercise in the study of the different styles of literature at the period of highest development of the language and to show the indebtedness of the English language and life to the Latin.

1. *Beginning Latin and Caesar's Gallic War, Book I,* grammar and reader.—The Roman system of pronunciation is used. Study of English derivations. Four hours, First and Second semester. Prof. Wilson.

2. *Caesar.*—Four hours, First and Second semester. Books II-IV inclusive or their equivalent. Thoro drill in uses of cases and modes. Prose composition once a week. D'Ooge's text. Mary Sellards.

3. *Cicero.*—Four hours, First and Second semester. Four orations against Catiline. Orations for the Manilian law and Port Archias. Prose composition once a week. D'Ooge's text. Mary Sellards.

4. *Virgil.*—Four hours, First and Second semester. First six books of the Æneid. Study of mythology and Latin prosody. Mary Sellards.

5. *Livy.*—Three hours, First Semester. Books XXI and XXII.

6. *Cicero's Letters.*—Two hours, First semester. De Senectute and De Amicitia. Mary Sellards.

7. *Horace.*—Five hours, Second semester. Odes and Satires. Roman life and thought as indicated by the poems. The Augustan age. Thesis. Prof. Wilson.

8. *Tacitus.*—Five hours, First semester. Germania and Agricola, The Silver Age, Historical Studies, Thesis. Prof. Wilson.

9. *Plautus and Terence.*—Five hours, Second semester. Selected comedies. Prof. Wilson.

Philosophy.
PRESIDENT SPENCER.

1. *Elements of Psychology.*—Five hours, First semes-

ter. This course is designed to explain elementary problems of mental phenomena. It is expected to be of special value to those who expect to go on with courses in philosophy and also for students of physiology. Consciousness, thought, reason, attention and intuition are investigated.

"James' Psychology" and "Porter's Intellectual Science" are used as texts. Required of all Seniors.

2. *Ethics.*—Five hours, Second semester. This course will include a review of Greek and early Christian ethical theories. Then brief survey of modern conceptions of life. The program includes a study of the following subjects: emotions, conscience, will, highest good, egoism and altruism, virtue, character, justice and right. Paulsen's System of Ethics will be used as reference. Hickok's Moral Science regular text, should be preceded by psychology. Required of all candidates for Bachelor's degree.

3. *Logic.*—Three hours, First semester. The design is to enable students to understand all the more general forms of reasoning. Jevon's Hill text is used.

Open to Juniors and Seniors. Required of candidates for Bachelor's degree.

4. *History of Philosophy.*—Three hours, Second semester. This course opens with study of Greek thinkers and reviews movements of thought through the modern school of philosophy. Schwegler's text is used, supplemented by assigned readings in histories and in the author's studies.

Open to Seniors.

Mathematics.
PROFESSOR BELL.

Elementary Algebra.—Four hours, First year preparatory, and First semester second year, preparatory. The course consists of four fundamental operations of algebra, factoring, highest common factor and least common multiple, fractions, simple equations, simultaneous equations,

CHRESTOMATHEON TEAM
In the Inter-Society Contest

graphs, radicals, theory of exponents, ratio and proportion, binomial theorem, progressions.

2. *Plane Geometry.*—Four hours, Second semester of second year preparatory and first Fisemester of third year preparatory.

3. *Solid Geometry.*—Four hours, Second semester third year preparatory.

4. *College Algebra.*—Five hours, First semester. Review of radicals, exponents and quadratic equations, graphical representation, logarithms, permutations, combinations, continued fractions, theory of equations, determinants. Textbook, Fine's College Algebra.

5. *Plane Trigonometry.*—Five hours, Second semester. Textbook, Wentworth.

6. *Spherical Trigonometry.*—Two hours, by appointment. Textbook, Wentworth.

7. *Analytic Geometry.*—Five hours, First semester. Study of straight line, circle, parabola, ellipse, hyperbola. Textbook, Wentworth.

8. *Differential and Integral Calculus.*—Five hours, Second semester. Differentiation, development of rules for differentiating standard elementary forms, simple applications of the derivative, successive differentiation, maxima and minima, indeterminates, integration, definite integrals, successive integration. Textbook, Granville.

9. *Astronomy.*—Five hours, First semester. Textbook, Young's General Astronomy.

Physical Science.

PROFESSOR HORNER.

Chemistry.

1 *General Chemistry.*—Five hours, First semester. Lectures, recitations and laboratory work. A study of the history and properties of chemical elements and their important compounds. Three recitation periods and two laboratory periods per week. Required of freshmen or sophomores.

2. *Advanced Inorganic Chemistry.*—Five hours, Second semester. A study of the general laws of chemistry as related to the non-metallic elements. Three recitation periods and two laboratory periods per week.

3 *Qualitative Analysis.* Four hours, First semester. A study of the metals with an introduction to methods used in the detection and separation of inorganic bases and acids. Four laboratory periods per week.

4. *Qualitative Analysis.*—Four hours, Second semester. A continuation of Course 3. The analysis of a given number of "unknowns" will be required.

Physics.

1. *Physics.* Four hours, one year. Lectures, recitations and laboratory work covering the principles, phenomina and elementary theory in Mechanics, Heat, Electricity, Sound and Light. Two recitation periods and two laboratory periods per week. Mathematics 1 and 2 required.

Public Speaking.

MISS GIFFIN.

The purpose of this department is to teach the student the fundamental principles of expression, thus endeavoring to prepare him to easily and forcibly express his thoughts, feelings and purposes and to interpret the thoughts and emotions of others given in the best literature.

The work of most other departments is that of accumulating knowledge. This department, while not neglecting this, emphasizes the ability to give, thus enabling one to use effectually whatever knowledge he may possess.

The work is strictly scientific and practical and in line with approved modern pedagogical methods.

All mechanical work is avoided and the pupil is encouraged to express himself in accordance with natural law.

Interpretation and Expression.—2 hours, First semes-

ter. Required. Tuition free. The text books used are Cumnock's Choice Readings" and Marshland's text on Public Speaking.

1. *Voice Culture.* During this semester instruction is given in management and regulation of the breath; the most approved method of acquiring a distinct articulation; the function of the Natural and Orotund Voices; development of the voice with regard to force, stress, pitch, melody, emphasis and pronunciation; the fundamental principles of gesture and their application.

2. *Oratory.*—At no time in the history of education has the need of ability to speak been so apparent as now, To prepare for the opportunity and necessity of public speech is the aim of a course in Oratory. The instruction in this study will be in harmony with the latest thought of masters in the art of public speech. The laws of thought will be studied and exemplified, as well as laws of vocalization. The excellencies of oratorical address will be illustrated in the study of expression of masterpieces of English and American eloquence.

3. *Interpretation.*—All technique is necessary but far more necessary is the education of the sensibilities. Every effort is put forth in the education of the sensibilities thru the cultivation of the perceptive faculties and the imagination. A cultivated imagination that creates and reveals the scene as perfectly to the soul as the natural eye could reveal it to the mind, is the secret and source of all eloquent and expressive speech, join this to a regulated judgment and with an underlying technical drill, you have the combination that unlocks every door that leads to successful reading and speaking. Interpretations of the best authors will be studied in the different styles of reading, as common reading, pathos, humor, gayety, solemnity, dramatic, abrupt and startling styles. The practical results expected from this semester's training are: An elegant and

[Concluded on page 38.]

SCHEDULE OF RECITATIONS

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00 to 9:00	2 Zoology 1st half Physiology 2d half 1 Latin 2 Latin 1 History 4-5 Mathematics 5-6 English	2 Zoology 1st half Physiology 2nd half 1 Latin 2 Latin 1 History 4-5 Mathematics 5-6 English	2 Zoology 1st half Physiology 2nd half 1 Latin 2 Latin 1 History 4-5 Mathematics 5-6 English	2 Zoology 1st half Physiology 2nd half 1 Latin 2 Latin 4-5 Mathematics 5-6 English	2 Zoology 1st half Physiology 2nd half 1 History 4-5 Mathematics 5-6 English
9:00 to 10:00	School Management 1 Mathematics Physics 4 English 4-5 Greek 1 Philosophy 1st half Ethics 2nd half	2 Zoology 1st half 1 Mathematics 3 Latin Physics School Law 1st half 4 Greek 1st half 1 Philosophy 1st half Ethics 2nd half Physiology 2nd half	School Management 3 Latin Physics 4 English 4-5 Greek 1 Philosophy 1st half Ethics 2nd half	2 Zoology 1st half 1 Mathematics 3 Latin Physics School Law 4 Greek 1st half 1 Philosophy 1st half Ethics 2nd half Physiology 2nd half	School Management 1 Mathematics 3 Latin 4 English 1st half 4-5 Greek 1 Philosophy 1st half
10:00 to 10:20	CHAPEL HOUR				

10:20 to 11:20	Physics 7-8 Mathematics 4 Latin 7-8 Latin Logic 1st half Evidences 2nd half 2 History 1st half 4 History 2nd half	1 Zoology Physical Geography 2 English 4 Latin 7-8 Mathematics 3 Bible 7-8 Latin 2 History 1st half 4 History 2nd half	Physics Physical Geography 2 English 7-8 Mathematics Logic 1st half 7-8 Latin Evidences 2nd half 2 History 1st half 4 History 2nd half	1 Zoology Physical Geography 2 English 4 Latin 7-8 Mathematics 3 Bible 1st half 7-8 Latin 2 History 1st half 4 History 2nd half	Physical Geography 2 English 4 Latin 7-8 Mathematics Logic 1st half Evidences 2nd half 7-8 Latin 2 History 1st half 4 History 2nd half
11:20 to 12:20	Mathematics 1 Zoology 3 English 2-3 German 2-3 Greek	Physical Geography 2 Mathematics 1 Zoology 3 English 2-4 German 2-3 Greek	2 Mathematics 1 Zoology 3 English 2-3 German 2-3 Greek	Physical Geography 1 Zoology 2-4 German 2-3 Greek	2 Mathematics 3 English 2-3 German 2-3 Greek
2:00 to 3:00	1 English 3 Mathematics 1 German 1 Greek 1-2 Chemistry	3 Mathematics 1 Chemistry	1 English 1 German 1 Greek 1-2 Chemistry 3 Mathematics	1 English 1 German 1 Greek 1 Chemistry	1 English 3 Mathematics 1 German 1 Greek 1-2 Chemistry
3:00 to 4:00	2 Chemistry History of Education 1st half 3 History	1-2 Chemistry History of Education 1st half 3 History	2 Chemistry History of Education 1st half 3 History	1-2 Chemistry History of Education 1st half 3 History	2 Chemistry History of Education 1st half 3 History

Courses for which no hours have been assigned will be arranged at opening of the semester. For description of courses see preceding pages. Numbers indicate courses.

refined pronunciation of the English tongue, absolutely distinct utterance, flexible and melodious voice, development of the sensibilities, by which correct, instant and vigorous emotional expression, responsive to the thought may be awakened.

In the private instruction the same line of work will be carried on in a more advanced form, dramatic art and presentations, didactic reading and personation. In the more advanced work the results to be expected will be the acquisition of a thoroly artistic form in the reading of narrative, descriptive and didactic styles, also in the delivery of orations, the ability to analyze and interpret at sight, any selection of varied expressions, and the power to entertain and please an audience.

Normal Department.

The Normal Department is designed to give a thoro preparation for teaching, and to meet the demands for competent and professionally trained teachers. Normal students receive the same careful attention, and enjoy the same privileges accorded students of the other departments. Stress is laid upon mastery of the common school branches, and upon thoroness.

Entrance Requirements are as follows: Those entering to pursue regular work must present certificates of graduation from common school work, or give satisfactory evidence of being able to take the course. Candidates for advanced standing in this department must take examination in those subjects for which credit is desired; or present a first or second grade, or professional county teachers certificate covering those subjects; or present official evidence of having satisfactorily completed such subjects in an accredited school. Passing grades in the Normal Department must be 80 per centum, with the exception

that in Spelling they must be 90 per centum.

Time of Admission.—Students can enter at the beginning of any term, and will usually find classes suited to their advancement. To meet the needs of teachers and those preparing to teach, classes in the common branches are taught during the entire year. All can thus be accommodated, as subjects offered during the first part of the year are repeated in the last half of second semester.

The Normal Course is approved by the State Board of Education and leads to the State Certificate. It provides careful instruction in both the Academic and Professional subjects. The course covers a period of five years. In this course is brought together all that bears upon Pedagogy, from the History of Education, from Psychology, from the principles and art of teaching, and from a comparative study of systems of education. This knowledge is united into a body of pedagogical doctrine and its application to education and instruction pointed out. The course is especially arranged with reference to the needs of the average teacher, or one preparing to teach in the public schools.

The Professional Subjects.—History of Education, Philosophy of Education, School Law, School Management and Methods of Instruction are given special attention in the Normal Courses. Besides these subjects, courses in Elementary Pedagogy and School Supervision contribute to the students' professional training. Each student of this department during his third or fourth year is required to devote at least 18 weeks to practice teaching and criticism under the direct supervision of the regular professor, or the professor of pedagogy.

The Educational Library is quite complete, containing most of the standard works upon education. Several educational periodicals are upon the reading tables.

State Certificates.—Under the law of 1893 graduates

from the Normal Course receive a three years' certificate to teach in any of the schools of the State. This certificate becomes a life certificate, if the holder teaches two out of the three years to which his certificate entitles him. The State Board of Education requires an examination in the five professional branches only. Prospective teachers should not overlook the opportunity of thus securing a life certificate.

The course of study of the Normal Department has been approved by the State Board of Education under the Law of 1899, so that Cooper students will get all the benefits of that law.

The law of 1899 further provides that graduates of the A. B. Course, by electing the professional subjects during the regular course, and doing practice teaching may also secure the State Certificate.

Graduation and Diploma.—Students who satisfactorily complete the Normal Course participate in the regular graduation exercises with graduates of the college classes; and are presented with the Normal Diploma of the college.

Teachers' Professional Subjects.

Psychology.—Five hours, First semester. Thorough advanced course based on Porter's Elements of Intellectual Science.

Philosophy of Education.—Three hours, Second semester. Based on Rosenkranz's text, a careful study of the principles underlying the science and art of teaching; the nature, form and limitation of education; the principles governing physical, intellectual and moral education and their practical application to the various stages of the child's development. Psychology is prerequisite.

History of Education.—Five hours, First semester. Text used, Painter and Boone; library readings required; survey of educational systems of both ancient and modern

nations; typical movements in education; the great educators, development, purposes and ideals of different systems, and their realization in school organization and methods; the educational history of the United States; modern tendencies.

School Law or Educational Civics.—Two hours, First semester. The provisions of Kansas law relating to school maintenance, supervision, organization and administration. Comparison with laws of other States; National aid; special state and city systems; library readings.

School Management.—Two and one-half hours, First half, Second semestr. The problemsof public sch ools, organization, program, grading, promotions, examinations, class management, discipline, incentives, employments, co-operations, qualifications and duties of teachers, school boards and duties, buildings and their equipment, school hygiene, moral training, loose and close supervision. Library readings.

General Method.—Two and one-half hours, First half of Second semester. Library readings; theory of recitation; the formal steps in instruction, preparation (analysis), presentation (synthesis), comparison (association, abstraction), generalization (system, definition), application; the law of instruction, induction, apperception, aim, self-activity, interest, correlation. How to correlate the arts of study, learning and teaching.

Elementary Pedagogy.—One-half of one semester. An outline of the powers and activities of the mind; the underlying principles and methods of teaching; study of the most approved methods of instruction in the common branches.

Teaching and Criticism.—One semester. Actual practice in class instruction and observation, under criticism of the teacher of the department in which work is done, or the professor of pedagogy. Required of all State Certificate graduates.

Normal Course.

FIRST YEAR.

FIRST SEMESTER.	SECOND SEMESTER.
Algebra (4)	Algebra (4)
1 English (4)	Physical Geography (4)
Physical Geography (4)	1 English (4)
1 Latin (4)	1 Latin (4)
Arithmetic	Kansas History 1st half
	Orthography 2nd half

SECOND YEAR.

FIRST SEMESTER.	SECOND SEMESTER.
Algebra (4)	Plane Geometry (4)
2 English (4)	2 English (4)
1 Botany (4)	1 Botany (4)
2 Latin (4)	2 Latin (4)
U. S. Constitution	Penmanship 1st half
	Bookkeeping 2nd half

THIRD YEAR.

FIRST SEMESTER.	SECOND SEMESTER.
3 Latin (4)	3 Latin (4)
Plane Geometry (4)	Solid Geometry (4)
1 History (4)	1 History (4)
1 Zoology	2 Physiology
	Drawing

FOURTH YEAR.

FIRST SEMESTER.	SECOND SEMESTER.
Literature	Trigonometry (2)
Trigonometry (2)	American History
Physics (4)	Physics (4)
School Law (2)	Vocal Music
Elocution (2)	Elocution (2)

FIFTH YEAR.

FIRST SEMESTER.	SECOND SEMESTER.
Psychology	Philosophy of Education (3)
History of Education	Methods 1st half
Chemistry	Management 2nd half
Teaching and Criticism	Economics
Reviews	Teaching and Criticism
	Reviews

Numbers preceding the word indicate the course; those in brackets ( ) the number of recitations per week. All subjects not specified recite five times per week.

The Preparatory Department.

The Preparatory Department, from the first, has had a justifiable existence, in view of the lack of secondary school privileges of many of our students. The advantages offered are two-fold: A preparation for a collegiate course, and thorough training in academic branches.

The Instruction is given by the professors in charge of the regular college classes, affording a marked advantage to underclass students. The privileges of the Preparatory students are the same as those of the college.

For Admission to this department in elementary knowledge of English Grammar, Arithmetic, United States History and Geography is required. For advanced standing the applicant must show ability to enter the studies proposed. Certificates from public school or high school may be received as credits on approval.

Amount of Work and Graduation.

Students in the preparatory school regularly carry sixteen hours, recitation work per week for the four years. A year's work in one course, four hours per week, is count- as one unit. Students are graduated when they receive fifteen units' credit. Strong students, by carrying extra work, may meet the condition for graduation in three years and are encouraged to do so, but no student may carry extra work who does not secure a grade of 2 in the regular work. On completion of the Preparatory Course, students are granted a certificate which admits to the Freshman class of the College of Liberal Arts. Each graduate is required to write an oration.

Preparatory Course.

FIRST YEAR		SECOND YEAR.	
1st Semester.	2nd Semester.	1st Semester.	2nd Semester.
Latin	Latin	Caesar	Caesar
Algebra	Algebra	Algebra	Geometry
English	English 1	English 2	English 2
Physical Geog.	Physical Geog,	Botany 1	Botany 1
Bible (2)	Bible (2)	Bible (2)	Bible (2)
THIRD YEAR.		**FOURTH YEAR.**	
1st Semester.	2nd Semester,	1st Semester.	2nd Semester.
Cicero	Cicero	Virgil	Virgil
History, Greek	History, Roman	Physics 1	Physics 1
Geometry	Geometry	English 3	English 3
Zoology 1 or	Zoology 1 or	German or	German or
Physiology 1	Psysiology 1	Greek	Greek

All courses, except Bible, recite four times a week. Numbers indicate courses' those in brackets the recitation periods per week. Description of courses will be found on the preceding pages.

Commercial Department.

The Commercial Department is conducted upon principles that encourage and interest students and prepare them for practical work in the shortest time possible. Each student is given individual attention and *is assisted to advance* as rapidly as is consistent with good work.

The Commercial Course is thoro and complete in every respect. It affords special advantages to the student who desires to fit himself for business or for an office position. The course includes Bookkeeping, Business Practice, Arithmetic, Commercial Law, Grammar, and Correspondence, Orthography, and Penmanship, Office Practice, and Banking.

Bookkeeping is the foundation study of this course. The other branches, though equally important, are auxiliary to its practical application. The Budget System of Bookkeeping is used. The instruction is almost wholly individual. Each student does his work independently of

other students and makes such progress as his ability and application merit. He need have no fear of being held back on account of dull students or of being unduly pushed forward on account of more advanced ones. Those who have studied bookkeeping before entering are allowed to take such advanced work as they may be able to do.

In Arithmetic, the aim is to secure accuracy and rapidity in addition, subtraction, multiplication and division. These simple processes mean much to a business man, yet there are comparatively few who can perform them well. Much time is given to short methods and rapid calculation. Percentage, Partial Payments, averaging of accounts, etc., receive due attention also

Commercial Law.—This branch of Law applies to contracts, shipping, insurance, negotiable paper, sale of personal property, real estate, partnership, corporations and agency. A knowledge of these topics is very valuable as a safeguard against fraud and business failures. Our plan of teaching commercial law renders it an interesting as well as an instructive study.

Grammar and Commercial Correspondence.—The aim is to give the student the essentials of grammar. This is necessary to every one who would win the respect of the business world and is especially so to everyone who *does commercial correspondence.* The subjects necessary to enable the student to write a business letter, which is correct as to grammar, style, punctuation, etc., are carefully taught. Thoro drills are given on business letter writing, and the careful filing of business papers of all kinds.

Orthography.—Much attention is given to this subject. We aid our students to become proficient in spelling and require a final passing grade of 90 per centum. Careful drill is given. The words used in every day business transactions receive special attention.

Business Penmanship.—The purpose is to assist the student in acquiring a good business hand such as will be

found the most advantageous for practical work. We teach the muscular movement as advocated by "The American Penman," and require each student to subscribe for this most excellent magazine on pen work. In it the most up-to-date methods are placed before the student and numerous articles of interest on this and allied business subjects tend to make this a very pleasing study instead of the usual routine drudgery.

Office Practice.—After the student has acquired a thorough knowledge of the theoretical side of commercial work he is required to spend at least four weeks in office work which consists of using the mimeograph, filing all kinds of business papers and letters, writing letters for the firm, etc.,—anything that comes up in an actual office. He may be required to keep the books of the College or of some business firm in the city and on this work will depend whether a diploma is granted.

Banking.—As one needs to know how a bank is conducted to be proficient in other lines of business, we have provided a course in banking which is very thoro in every part. Each student is required to do the banking for the entine bookkeeping department for four weeks besides taking the regular budget course.

Shorthand Course.

Shorthand Course includes Shorthand, Typewriting, Grammar Correspondence, Orthography, and Office Practice.

The advantages of Shorthand are too manifest to need extensive *introduction* or argument. We have no hesitancy in claiming that our system and manner of teaching have met the most rigid tests successfully. Until the past year we have been teaching the Pernin and have now added the Gregg, another very popular light-line system. This system is so widely advertised that it needs no further comment from us:

Typewriting.—Typewriting is yearly assuming a greater importance in the commercial world. To meet the demands of the day, one who holds an office position of any kind must be able to operate a typewriter rapidly. The standard makes of machines are in use here and up-to-date methods of instruction employed. We recommend the "Touch" system, as it is no longer an experiment but undoubtedly the very best.

Office Practice.—This consists in from four to six weeks of actual work either for the College or for business men in the city. Students coming out of a busiuess college may have an A1 theoretical knowledge but when put into an office for the first time and receive dictation from someone other than their teacher are very much embarrassed and are often at a loss as to just how to take hold of things. Students are given a thoro drill in manifolding, stencil cutting for mimeograph, copying, letter filing, writing of telegrams, etc., and other necessary office requirements. Before completing the Office Practice each student is required to take thirty letters ranging in length from 100 to 150 words each, transcribe and address envelopes for them, fold letters, and place in envelopes to be handed in with the rest of the work at the end of the day. Cut one letter on stencil, make twenty copies and fill in addresses. File fifty letters and invoices, and cross index five letters containing at least five different articles to be cross indexed. Make carbon copies of five of the letters and file them in the cabinet and copy five others in the letter press book and index them. This is to be done in one day from 8:00 a. m. to 5:00 p. m.

Requirements for Graduation.—Take from dictation for five minutes at a rate of 125 words per minute on new matter and transcribe it on the typewriter without error at a rate of thirty words per minute.

Time Required to Complete a Course.—It is impossible to state definitely the time required for the completion of

any course. It depends largely upon the education of the pupil upon entering, his ability to learn, and application to study. Students having a good common school education who are not afraid of work can complete either the Shorthand or Business Course in from four to six months, or the two courses combined in from six to nine months.

Neglected Education.—No one need hesitate to enter college on account of neglected education or advanced age. No special qualifications are required. Many backward pupils enter every year who by industry and perseverance easily gain what was lost through neglect or lack of opportunity and are soon prepared to enter upon a successful business career. It requires a little stronger resolution to enter, perhaps a little longer to finish, but the mature judgment that added years have brought, makes advancement surprising and gratifying.

Positions.—Cooper College does not guarantee positions to Commercial graduates. She does everything she can for such students just as she does for all students of all the other departments. Positions are obtained largely by the individual and no school ought to insure them as a school cannot *make a position*, but it is a fact that all the students who have graduated from our Commercial Department have secured good positions.

Rooms and Equipment.—This department occupies the best quarter of the college building, being on the first floor, is well lighted, and heated by steam. Large desks are provided for the students, and office furniture to meet all requirements.

This Business School has many additional advantages because of its connection with the Liberal Arts College. The students have the advantage of Library, Literary Societies, Y. M. and Y. W. C. A., Athletic Grounds, Public Lectures, etc. These incidental influence cannot be easily overestimated. They constitute a large part of the benefits of a course at school.

THEOMORON TEAM
In the Inter-Society Contest

Art Department.

ALICE M. BROWN.

While all who make a study of art may not become professionals, the effect of training along this line will be felt all through life. It is the aim of this department to impart the underlying principles of drawing and painting and to endeavor to cultivate and develop a love for the beautiful.

DRAWING.

Form study, perspective, sketching from nature and from objects are included in the course of instruction in drawing. This course is of great value to the student.

1. It trains to habits of correct seeing. Eye training is at the very threshold of the work. Our knowledge of the forms of objects, tends to mislead us in attempting to represent them.

2. It cultivates accuracy. Drill in size, proportion, contour, etc., cannot fail to make the student accurate as to eye and hand.

3. It makes possible to more clearly express and impress thought. A few strokes of the pencil will convey an idea with a distinctness and fullness which words will not do.

Students preparing to teach in the public schools can not afford to miss the course of drawing offered in the department.

PAINTING.

Classes in oil, pastel, water colors and china painting meet throughout the year. Work is done from still life and nature as well as from well selected studies.

The studio is furnished with a kiln thus bringing the beautiful art of china painting within the reach of all.

Miss Brown taught art in our Sterling Chautauqua last July and had charge of the department of art in the Columbus, Iowa, Chautauqua in August. From there she

went to Chicago, visiting the art galleries and studios of the best artists, bringing back many new ideas and added enthusiasm for the work.

The annual art exhibition was held in the college, March 17. A program was given in the chapel and the work of the class displayed.

Miss Brown has charge of a very enthusiastic art class in Hutchinson one day in the week.

Special rates in drawing and painting made to college students.

Visitors always welcome.

COOPER COLLEGE CONSERVATORY OF MUSIC.

MAUDE BURR,
Instructor in Voice, History, Interpretation and Assistant Piano.
Graduate of Monmouth College Conservatory Voice Culture 1906, Post Graduate 1907.

WINIFRED WHERRY,
Instructor in Advance Piano, Pipe Organ, Harmony and Theory.
Graduate of Monmouth College Conservatory Organ Course 1905. Piano Course 1907. Post Graduate Theory 1907.

Music study is many sided. To make it truly educative it must be pursued from both theoretical and practical standpoints. Its study includes not only technical training but intellectual and emotional development as well.

The present age demands of a musician that he be broad minded, intelligent and artistic. The serious study of the art has taken an honored place in the curriculum of every school, academy and college. Recognizing this, our

Conservatory of Music is organized with the view of giving each student thorough knowledge of music and surrounding him with the refining and ennobling influence that flows from such a center.

It is the intention of the management to graduate from this school artistic performers and competent teachers.

The work of the Conservatory is divided into departments, each course laid out in broad lines. The instructors bring to the work thorough education, successful experience as teachers and an enthusiasm that should find responses in the heart of every student and friend of Cooper College.

Piano.

The piano course consists of a preparatory course of two years, and a collegiate course of three years.

Appended is a specimen course founded in the etude system together with which will be taught concert and salon pieces and works of the Masters throughout the entire course.

The completion of Jadassohn's Harmony, Filmore's History of Music, attendance upon all student recitals and the giving of a public recital are required for gradnation.

PREPARATORY.

Technical exercises at table and piano for hand position, finger and wrist development. Special attention to variety of touch, major and minor scales, chords and arpeggios. Studies by Kohler, Tapper, Czerny and Loeschorn. Pieces selected with the view of creating a taste for good style, and drawing out the student's power of interpretation.

COLLEGIATE.

Technical work by Hanon, Pischna and Tansig. Studies and etudes selected from Bertini, Heller (Phrasing),

Krause (Trill), Berens (Velocity), Bach (Little Preludes and two parts inventions), Cramer Clementi (Gradus ad Parnassum), Chopin (Etudes.)

Selections from the best modern writers and the classics throughout the entire course.

Pupils must have studied and be able to render in a creditable manner the following compositions before entering the graduating year: one Mozart Sonata, one Haydn Sonata, one Beethoven Sonata, two waltzes of Chopin, one Nocturne, one Polonaise, one Etude, two compositions by Schubert, two by Schumann.

Voice Culture.

In this department advantages are offered which will lead to the highest attainment in this line of art.

VOICE PLACING.

Especial attention is given to the proper placing of the voice. This is considered of the utmost importance, as neglect of it almost invariably results in permanent injury to the voice.

To accomplish this the pupil is instructed in a proper control of the breath, a perfect union of the registers, a fine and easy emission of the tone and knowledge of the different timbers of the voice.

By these means the voice is produced with equal beauty and brilliancy throughout the entire compass.

As with the piano, this course is divided into two courses, preparatory and collegiate.

The definite length of this course depends entirely upon the ability of the pupil and the progress made by him.

The completion of Jadassohn's Harmony, Filmore's History of Music, attendance upon all Student's recitals, and the giving of a public recital is required for graduation.

PREPARATORY.

A thorough knowledge of the principles of breathing,

tone placing, agility and relaxation of muscles.

Vocalises: Fred Sieber's 8 measures studies; simple songs to assist in overcoming the difficulties the pupil may have.

COLLEGIATE.

Exercises in agility, uniting of tones, swell, mezza-voce, embellishments, trill, style and finish. Vocalises used are selections from Sieber and Concone, a series of Masterpieces of Vocalization which is a graded series of Vocal Studies chosen from the celebrated works of the great Masters of singing. Repertoire of classic German, French and Italian songs. Oratorio and Opera.

It is advised that Vocal pupils study German and French. It is also expected that graduates have at least three years piano.

Theory.

The course offered in theory includes harmony and musical history.

The importance of the work is strongly urged. It is recommended that any work in piano or voice be supplemented by study in this course.

The work is carried on in a systematic way, examination being given each semester and records kept.

HARMONY.

A thorough knowledge of keys, scales, signatures, intervals, triads, chord connection, chords of all kinds, including altered and augmented, suspensions, passing chords, melodic changes and organ point will be required. The harmonizing of melodies and chorals. The playing of modulations of many kinds through all keys.

Text, Emery and Jadassohn.

HISTORY.

The general history of music showing its growth and development. Early Christian Music, Polyphonic Music,

Monophonic Music, the rise of Instrumental Music in the classic form, the Opera, the Oratorio, Romantic Music. These lessons are given in the form of lectures and lessons from text books with outside reading.

Cooper Choral Society.

This society, while having its own officers and conducting its own affairs, is affiliated with the College and offers students. at a merely nominal fee, the advantages of first class chorus drill. Concerts of the highest grade will be given each year by the society.

Recitals, Lectures, Etc.

At frequent intervals recitals will be given by the members of the faculty at which an explanation of the music performed will be given, thus enabling the student to hear good music performed in an aristic manner.

During the year a number of pupils' recitals will be given at which stu dents of all grades are expected to perform.

At the close of each term a Term Recital will be given, at which advanced pupils of the Conservatory present a program to the public.

Each student is urged to hear all the good music possible, that his musical tastes may reach the highest possible cultivation.

General Information.

Students may enter at any time, but are not enrolled for less than the term in which they enter.

In order to secure a diploma the student must have finished the prescribed work, and must have spent at least one year in this institution.

The privileges of the Musical Department are not extended on the same grounds to holders of scholarships as are the privileges of the other departments of the College.

Students attending College and desiring to take musi-

cal instruction, are expected to take lessons in this department. No credits will be given for lessons taken elsewhere.

Pupils should report to the President of the College with whom they will make all their arrangements for entrance.

Music Electives.

One year's study of music, two lessons each week, will be received as a credit of 8 hours, to be applied on the electives of any college course leading to graduation.

The following courses are open for this purpose:

1. Harmony.
2. Piano-First, Second, Third Collegiate, Prerequisites, Preparatory grade and first year Collegiate.
3. Voice—Any collegiate year.

PREREQUISITE-PREPARATORY.

Credits on electives will not be given for music taken elsewhere. In order to obtain credit on music as an elective, the student must have passing records entered on the books not only of the work on which credits are desired, but also of the work prerequisite to this.

Greater Cooper.

In a little over three years Cooper College has raised for debt, improvements and in annuities about $30,000. Of this $18,000 are annuities, and while this does not add much to the income of the college now, it will bring in quite an addition to the college later.

It is too early to tell how much will be added to the endowment through the Semi Centennial Fund. It may be anywhere from $40,000 to $75,000. This will not all come in this year, for most of the subscriptions to this fund are payable in three annual payments, the last of which will come due in 1910, Enough should be secured from this source to enable Cooper to meet the conditions of the Carnegie offer in the near future, and this will add another $20,000 to the endowment. As no time limit was placed on this offer, we may expect its payment as soon as the $60,000 are secured.

Take it all in all, the finances of Cooper are improving rapidly and this is but a forecast of the future. This ought to be gratifying to her friends, because of the increase of power which the college will gain. Cooper is located in a field of wonderful possibilities. The rapid increase in population and wealth in the territory tributary to her is giving to her a broader field and a larger mission. Her work is not simply to train young people for work in the home field, but to help the church to obey the command of her Lord when he said: "Go ye into all the world and preach the gospel to every creature."

Form of Bequest.

I do give, devise and bequeath to the Board of Trustees of Cooper Memorial College, Sterling, Kansas, forever all that lot or piece of land herewith described.

ROLL OF STUDENTS FOR 1907-1908.

College Department.

SENIORS.

Adair, Nannie Blanche.....Sterling
Brownlee, James Erskine.....Pretty Prairie
Gault, Margaret Belle.....Sterling
Greenlee, Idella Myrtle.....Sterling
Kauffman, LeRoy Levelon.....Sterling
McMillan, Matthew Steele.....Greeley, Colo
Moorhead, Albert Ritchey..... Walton
Nash, Clarence Adelbert.....Emporia
Spencer, Eula Anderson.....Sterling

JUNIORS.

Anderson, Thomas Collins.....Cedarville, Ohio
Buchanan, Daniel Houston.....Lyndon
Gaily, Clara Florence.....Sterling
Gaily, Carrie Elma.....Sterling
Hawthorne, Mabel.....Sterling
Jamison, Eva Susana.....Sterling
Kuhn, Jetta Elizabeth.....Sterling
McCrory, William Bertram.....Sterling
McVey, David Wilson.....Sterling
Miller, Jennie Moffett.....Lyndon
Miller, Lillian Ora.....Lyndon
Oyler, Nora Alice.....Lyndon
Oyler, Thomas Curry.....Lyndon

SOPHOMORES.

Adams, Ida Pearl.....Sterling
Brownlee, Arthur J.....Pretty Prairie
Lindsay, Ralph Wilson.....Conway Springs
Smith, Elizabeth.....Sterling
Tyler, Warner Milton.....St. John

FRESHMEN.

Adams, James Renwick.....Sterling
Adams, Mary Rebecca.....Sterling
Allington, Minnie Pearl.....Sterling
Brown, Amy C. .....Sterling
Brown, Ernest S.....Hutchinson
Brownlee, Joseph Harold.....Pretty Prairie
Davis, Glenn C. M.....Sterling
Findley, John Scott.....Walton
Gault, Eliza Jane.....Sterling
Gilchrist, Laura P.....Newton
Hawthorne, Zillah Laura.....Sterling
Rogers, Lillian Tebbe.....Sterling
Smart, Mary A.....Santa Ana, Cal
Trimble, Roy Ira.....Sterling
Van Patten, Myndert M.....Sterling
Wilson, Charles Malven.....Garnett
Wilson, Mary Louise .....Sterling

Preparatory Department.

FOURTH YEAR.

Elbl, Louis J.....Sterling

THIRD YEAR.

Adams, Richard Cameron.....Sterling
Dougherty, Mary McConnell.....Sterling
Hamill, Elma Grace.....Sterling
Lindsay, Grace Emily.....Conway Springs
Schalles, Julia May.....Durango, Colo
Stinson, Ralph T.....Viola

SECOND YEAR.

Edwards, Edward J.....Lyons
Jones, Louis Harrison.....Saxman
Lincoln, Warren Randall.....Sterling
McCrory, William Wylie.....Mayetta

Park, Edith Jeanette.....Sterling
Stinson, Sadie Christina.....Viola

FIRST YEAR.

Brothers, Lloyd Nathan.....Saxman
Edwards, Mary Catyron.....Lyons
Ford, Mena.....Syracuse
Furr, Lura May.....Sterling
Guthrie, John T.....Walton
Kirby, Marie Estelle.....Lyndon
Young, Clark Edgar.....Sterling

Normal Department.

FOURTH YEAR.

Henry, Ethel Aletha.....Sterling
Maple, Ethel Darleen.....Terhune, Ind

THIRD YEAR.

Gilchrist, Ellen.....Newton

SECOND YEAR.

Ball, Mary May.....Stafford
Wilson, Elizabeth.....Broken Arrow, Okla

FIRST YEAR.

Bailey, Emily Frances.....Geneseo
Brothers, Lucy Ada.....Saxman
Davis, Laura Leota.....Sterling
De Selms, Nettie Pearl.....Stafford
Heckman, Margaret Edith.....Sterling
Slentz, Bessie Hannah.....Sterling

Commercial Department.

Allington, Minnie.....Sterling
Anderson, Thos. Burnett.....Plainfield, Ill.
Bailey, Emily Frances.....Geneseo
Ball, May.....Stafford

Brothers, Lloyd Nathan.....Saxman
Brothers, Lucy Ada.....Saxman
Brown, Amy C.....Sterling
Brown, Laura.....Sterling
Brownlee, Joseph Harold.....Pretty Prairie
Cuthbertson, William Alexander.....Sterling
Durand, Orland J.....Flavius
Edwards, Edward J.....Lyons
Edwards, Mary.....Lyons
Guthrie, John.....Walton
Haston, Arthur S.....Sterling
Heckman, Margaret.....Sterling
Helm, Alexander Victor.....Sterling
Henry, Ethel Aletha.....Sterling
Johnston, Jay Curtis.....Sterling
Jones, Louis Harrison.....Sterling
Lindsay, Grace Emily.....Viola
Linville, Edmund Lee.....Sterling
McConnell, Willard W.....Lewis
McCrory, William.....Sterling
McMahan, Irl Otto.....Mankato
McVey, Louis.....Sterling
Maple, Ethel Darleen.....Terhune, Ind.
Maple, Loyal A.....Terhune, Ind
Masemore, Willis Jacob.....Sterling
Maughlin, Ralph Raymond.....Sylvia
Moorhead, Albert Ritchey.....Walton
Pence, Gertrude.....Sterling
Slentz, Bessie Hannah.....Sterling
Stansbury, Verne Edwin.....Flavius
Tippen, Sterling Read.....Mankato
Turner, James Leonard.....Plevna
Young, Clark Edgar.....Sterling
Williamson, David Samuel.....Sterling

Music Department.

Allington, Minnie .....Sterling
Anderson, M. J. .....Sterling
Anderson, T. J. .....Cederville, Ohio
Adams, Mary .....Sterling
Brown, Laura .....Sterling
Brown, Floy .....Sterling
Berry, Adella .....Sterling
Brownlee, Arthur .....Pretty Prairie
Brownlee, Harold .....Fretty Prairie
Brubaker, Emma .....Sterling
Brubaker, Lucy .....Sterling
Bundy, Mildred .....Sterling
Brush, Bessie ..... Saxman
Brush, Ivy ..... Saxman
Copeland, Lora .....Eskridge
Currier, Christina .....Sterling
Coyle, William .....Sterling
Denning, Emily .....Sterling
Davis, Laura .....Sterling
De Selms, Nettie .....Stafford
Davis, Glenn .....Sterling
Denning, Charles .....Sterling
Edgar, Delbert .....Sterling
Edgar, Charles .....Sterling
Edwards, Mary .....Sterling
Fleming, Henry .....Sterling
Ford, Mena .....Syracuse, Kans.
Furr, Lura .....Sterling
Guttery, Ollie .....Sterling
Greenlee, Adella .....Sterling
Haslem, Belle .....Sterling
Hill, Florence .....Huntsville
Horton, Verda .....Sterling
Henry, Blanche .....Sterling

Heter, Norma ..... Sterling
Humphreys, Arthur ..... Sterling
Hawkins, Marie ..... Sterling
Hutchinson, Olive ..... Sterling
Holmes, Gladys ..... Sterling
Harris, Mrs ..... Sterling
Inches, Inez ..... Sterling
Kern, Mrs ..... Sterling
Kirby, Stella ..... Lyndon
Obrien, Helen ..... Sebring, Ohio
Putenney, Stella ..... Pueblo, Col
Porter, Eleanor ..... Sterling
Purdy, Pearl ..... Sterling
Peck, Mrs. William ..... Sterling
Pinnell, Mamie ..... Sterling
Rogers, Lillian ..... Sterling
Ray, Mabel ..... Sterling
Smart, Mary ..... Santa Ana, Cali
Smith, Bessie ..... Sterling
Selfridge, Edna ..... Sterling
Spencer, Wilda ..... Sterling
Spencer, Eula ..... Sterling
Seaward, Eva ..... Sterling
Shook, Dr ..... Sterling
Sturgeon, Ruth ..... Sterling
Stubbs, Louie ..... Sterling
Trimble, Roy ..... Sterling
VanPatten, Myndert ..... Sterling
Vincent, Roui ..... Alden
Westenhaver, Blanch ..... Sterling
Williams, Bernice ..... Sterling
Williams, Nellie ..... Sterling
Watson, Olive ..... Sterling
Wilson, Charles ..... Garnett
Wilson, Mary ..... Sterling
Wilson, Elizabeth ..... Saxman

Art Department.

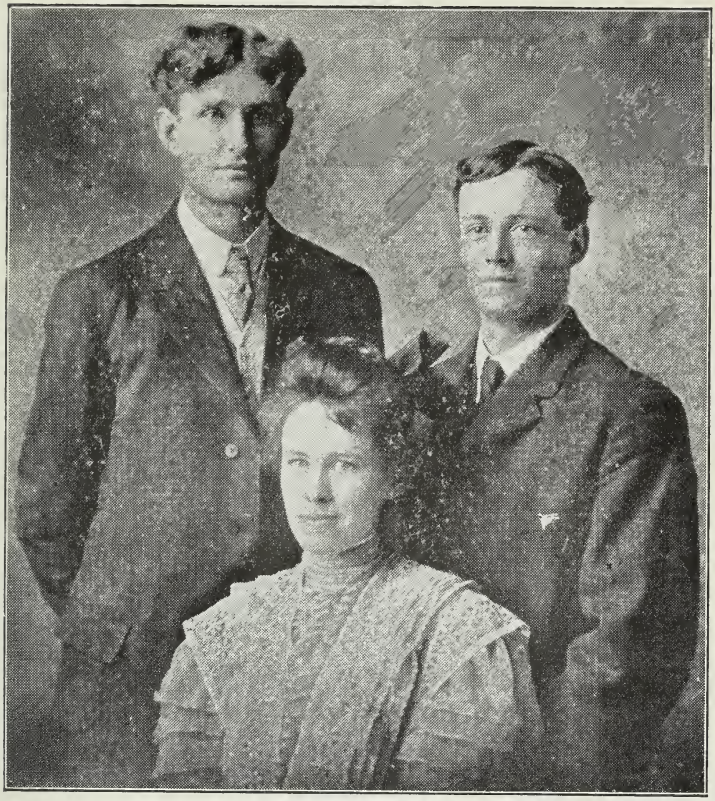
Berry, Adella.....Sterling
Boyse, Nellie.....Oklahoma
Brown, Floy .....Sterling
Brown, Louie.....Eskridge
Brown, Rena.....Sterling
Byall, Jean .....Sterling
Dutton, Mrs. C. N.....Sterling
Furr, Lura.....Sterling
Giffin, Grace.....Sterling
Greenlee, Adella .....Sterling
Griffith, Leona .....Great Bend
Guttery, Ollie .....Sterling
Inches, Inez.....Sterling
Inches, Jennie.....Sterling
Inches, Lottie.....Sterling
Inches, Minnie.....Sterling
Jones, Agnes.....Sterling
Kirby, Stella.....Lyndon
Lyons, Mrs .....Saxman
Lloyd, Bessie .....Sterling
Lehmer, Lizzie.....Geneseo
Lehmer, Mrs.....Geneseo
McMillan, Rev. H. B.....Greeley, Col
Obrien, Helen .....Sebring, Ohio
Porter, Mrs. A. N.....Sterling
Rogers, Ethel .....Sterling
Roy, Alice.....Sterling
Smith, Bessie .....Sterling
Spencer, Wilda.....Sterling
Strong, Vera.....Sterling
Selfridge, Edna .....Sterling
Seaward, Eva .....Sterling
Shuck, Mrs. Hattie .....Colorado
Taylor, Myrtle .....Sterling

Townsend, Mary .....Downey, Cali
Turner, Bessie .....Sterling
Westenhaver, Blanch.....Sterling
Wherry, Winifred .....Sterling
Wilson, Lizzie .....Oklahoma
Wilson, Mary.....Sterling

Elocution Department.

Adams, Pearl .....Sterling
Adams, Richard .....Sterling
Adams, James .....Sterling
Anderson, T. C.....Cedarville, Ohio
Atkinson, Charles .....Sterling
Brown, Amy.....Sterling
Brown, Ernest.....Sterling
Buchanan, Houston.....Lyndon
Branch, Phineas.....Sterling
Brothers, Lloyd .....Saxman
Curl, Frances .....Guthrie, Ok.
Denning, Charles .....Sterling
Edwards, Mary .....Sterling
Evans, Ethel.....Sterling
Edgar, Belle.....Sterling
Fleeson, William .....Sterling
Fleming, Victor .....Sterling
Fleming, Henry .....Sterling
Furr, Lura.....Sterling
Gault, Libbie .....Sterling
Gilchrist, Laura .....Newton
Gaily, Elma .....Sterling
Kauffman, Roy.....Sterling
Junkin, Willis.....Sterling
Kuhn, Jetta.....Sterling
Lindsay, Ralph.....Conway Springs
Mudge, Ethel .....Sterling

M. S. McMillan Eula Spencer Ralph Lindsey, Alternate



COOPER COLLEGE'S WINNING TEAM
In the Cooper-Fairmount Debate

McMillan, M. S. .....Greeley, Col.
Oyler, Nora .....Lyndon
Putenney, Stella .....Pueblo, Col
Seaward, Eva ....Sterling
Shay, Reuben .....Sterling
Selfridge, Edna .....Sterling
Spencer, Eula.....Sterling
Smith, Goldie .....Sterling
Stansbury, Verne ..... Flavihs
VanPatten, Myndert..... .....Sterling
VanPatten, Guy.....Sterling
White, Mildred ....Sterling
Wilson, Charles .....Garnett

Alumni.

1892.

Essington Herbert Lees, B. S., Attorney, Sterling, Kan.

1893.

Jay Foster Beaman, B. S. C. E. (Univ. of Kan.) Ass't Engineer, S. F. & N. W. R. R., Glen Frazer, California.

Archie Cameron Rees, A. B., Farmer, R. 2, Milwaukey, Oregon.

Edward Thomas Rees, A. B., Farmer, Newton, Iowa.

1894.

George F. W. Benn, A. B., A. M., (Univ. of Pa.), Pastor R. P. Church, Cambridge, Mass.

Edgar Herman Black, A. B., Pastor U. P. Church, Sparland, Illinois.

1895.

Talmon Bell, A. M., Professor of Mathematics and Vice-Pres. Cooper College, Sterling, Kansas.

1896.

Minnie Lees, B. S. (Mrs. George Mann), Mason, Mich.

William Anderson Philips, A. B., Pastor U. P. Church, Greeley, Colorado.

Mary Adella Spencer, B. S., (Mrs. E. H. Lees), Sterling, Kansas.

1897.

Ella E. Crum, B. S., (Mrs. W. T. Hood), 1614 Missouri Ave., South Omaha, Nebraska.

Caleb B. Elliott, Normal, Merchant, Delta, Colorado.

Wm. T. Hood, B. S., Cudahy Packing Co., South Omaha, Nebraska.

John M. Kirkwood, B. S., Manager Lumber Yard, Gotebo, Oklahoma.

Jesse G. Liston, Normal, Teacher, Coalmont, Indiana.

1898.

John U. Brush, A. B., Pastor U. P. Church, Saxman, Kan.

Wm. I. Finley, B. S., Real Estate, Lyons, Kansas.

Mabel Latham Grandy, B. S., (Mrs. T. J. English), Sterling, Kansas.

Orin A. Keach, A. B., Pastor U. P. Church, 12 Irene Ave., Cleveland, Ohio.

Otto W. Newby, A. M., Teacher, (Deceased, August 31, 1906).

Belle S. Smith, B. S., Music Dealer, Garnett, Kansas.

Estella Myrtle Stormont, B. S., Sterling, Kansas.

Wm. Paul Stormont, B. S., Bookkeeper, Hutchinson, Kan.

Emma Vera Strong, B. S., Teacher, Sterling, Kansas.

Emma Cassie Wiggins, (Mrs. E. K. Porter), Normal, Sterling, Kansas.

1899

David Calvin Mathews, A. B., Pastor R. P. Church, Princeton, Indiana.

Wm. Henry Meyer, B. S., Manager Lumber Office, Enid, Oklahoma.

Herbert Bratton McMillan, A. B., County S. S. Missionary, Greeley, Colorado.

Eva Josephine Spencer, B. S., (Mrs. D. C. Mathews), Princeton, Indiana.

Sarah Squire, B. S., A. B., (Univ. of Kan.) Principal Schools, La Crosse, Kansas.

J. Floyd Thomson, B. S., Manager Lumber Office, Belle Plaine, Kansas.

Lewis Alfred Kerr, A. B., Pastor U. P. Church, Burchard, Nebraska.

1900.

Izora Baldwin, Normal, Teacher, Watonga, Oklahoma.

Marion Trueheart, B. S., A. B., (Univ. of Kan.) M. D., Physican, Sterling, Kansas.

Bert X. Tucker, B. S., A. B., (Univ. of Kan.) M. S. (Univ. of Cal.) Principal High School, Richmond, California.

May Beatrice VanNest, Normal, (Mrs. Martin Jacobson) Ault, Colorado.

1901.

Mary Lorena Brown, B. S., Teacher, Sterling, Kansas.

Ross Wallace Graham, B. S., U. S. Postal Service, El Reno, Oklahoma.

John Reynolds McCoy, A. B., Pastor U. P. Church, Quimby, Iowa.

Edna Rosalie Spencer, B. S., (Mrs. J. L. Woleslagel) Sterling, Kansas.

Garfield Wilson Weede, B. S., Dentist Topeka, Kansas.

1902.

Cora Mary Grove, B. S., (Mrs. Wm. Hanlon), Sterling, Kansas.

Fred Clarence Morgan Hunter, Academic, Farmer, Newton, Kansas.

Sara Lavina McCrory, B. S., Music Teacher, Sterling, Kansas.

Amy Almira Ross, B. S. Conway Springs, Kansas.

Nellie Arvilla Sanders, Normal, (Mrs. A. J. Seigle), Mayfield, Kansas.

Frances Eleanor Spencer, B. S., (Mrs. H. B. Kilbourn), Sterling, Kansas.

Harry Elmore Squire, Normal, A. B. (University Kansas) Principal of Normal Dept. and Professor of History, Cooper College, Sterling, Kansas.

Walter W. Stahl, A. B., A. M., (Fairmount), Attorney Topeka, Kansas.

Chas. Stafford Sharp, B. S., Pastor U. P. Church, Carlock, Illinois.

Ralph Foster Wallace, B. S., Farmer, Jetmore, Kansas.

1903.

John Marvin Bond, B. S., Sterling, Kansas.

J. Willard Foster, Normal, 3009 N. 21 St. Kansas City, Kansas.

Wm. Leslie Hanlon, B. S. Mechanic, Sterling, Kansas.

Iva A. McMillan, Academic, Greeley, Colorado.

J. Clark Turner, A. B., Farmer, Boynton, Ind. Ter.

Harry Elmer Walter, Normal, Principal Schools, Syracuse, Kansas.

1904.

Benj. Miller Dobbin, A. B., Pastor U. P. Church, Blue Mound, Kansas.

E. Francis Ewing, Principal Schools, Garden City, Kansas.

Olive Frances Guttery, Normal, Teacher, Sterling, Kansas.

Harry Augustus Hill, Normal, Principal Schools, Plevna, Kansas.

Nannie Hazeltine Houston, Normal, Principal Schools, Gem, Kan.

David Smith Oyler, A. B., Student Theology, Xenia, Ohio.

Maude Ethel Smith, A. B., Sterling, Kansas.

1905.

Grace Burford Giffen, Academic, Teacher of Elocution and Physical Culture Cooper College, Sterling, Kansas.

Charlotte Lovette Inches, Normal, Teacher, Sterling, Kan.

COOPER'S FOOT BALL TEAM 1907

William Robert Irvine, A. B., Student Theology, Allegheny, Pennsylvania.

Pearl Johnson, Normal, Teacher, Saxman, Kansas.

Clara Ernestine McCarroll, B. L., Bookkeeper, Hutchinson, Kansas.

Elizabeth Myrtle McCrory, A. B., (Mrs. R. W. Walker), Beni Suef, Egypt.

Clarence Adelbert Nash, Normal, Instructor High School, Emporia, Kansas.

Zada Ann Patton, Normal, Missionary, Latakia, Syria.

Andrew Jackson Seigle, A. B., Pastor U. P. Church, Mayfield, Kansas.

Jemima M. Webster, Normal, Teacher, Wichita, Kansas.

Edgar R. Wells, B. S., Manager Restaurant, Caney, Kan.

1906.

Elizabeth Estelle Dougherty, A. B., Teacher, Sterling, Kansas.

Josiah Dodds Edgar, A. B., Student Theology, Allegheny, Pennsylvania.

Walter Lee Gunn, B. L., Salesman, Great Bend, Kansas.

Wilda Annette Spencer A. B., Teacher, Sterling, Kansas.

1907.

David Ross Lindsay, B. S. Student Kansas City Veterinary College, Kansas City, Missouri.

Paul French Mustard, A. B., Student Theology, Allegheny, Pennsylvania.

Anah Elizabeth Sanders, B. S., Cottonwood Falls, Kansas.

Ethel Keturah Stahl, A. B., (Mrs. R. H. Williams), Sterling, Kansas.

Albert K. Stavely, A. B., Student Law, Lawrence, Kan.

Pluma Stavely, A. B., Lyndon, Kansas.

Summary 1907-08.

I. College Department.

Seniors	9
Juniors	13
Sophomores	5
Freshmen	17—44

11. Preparatory Department.

Fourth Year	1
Third Year	6
Second Year	6
First Year	7—20

III. Normal Department.

Fourth Year	2
Third Year	1
Second Year	2
First Year	6—11

IV. Commercial Department	38
Musical Department	70
Art Department	40
Elocution Department	40
Total in all Departments	263
Less names repeated	80
Net	183

INDEX

	Page
Absences	20
Admission	20, 22
Alumni Association	13
Alumni, List of	65
Art Department	49
Athletics	13
Bible Contest	14
Boarding	18
Bookkeeping	44
Building	8
Calendar	2
Chautauqua	7
Choral Society	54
College Organizations	13
College Year	15
Commercial Department	44
Conservatory of Music	50
Contests	14
Christian Associations	13
Conspectus of Courses	42, 44
Courses of Study	16, 23, 43, 44
Courier	14
Credits	16
Departments of Study	25
Deposits	17
Directors	3
Electives	24
Elocution	34
Entrance Requirements	20, 21, 22
Equipments	8
Examinations	21
Expenses	17
Faculty and Instructors	4
Fees, Tuition, etc	17
General Information	15
Government	15
Graduation	23, 43, 47
Greater Cooper	56
History	5
Information, General	15
Laboratories	9, 20
Liberal Arts, College of	21
Library	11
Literary Societies	13
Material Equipment	8
Museum	8
Music Department of	50
Normal Department	38
Number of Subjects	20
Office Practice	47
Organizations, College	13
Paper, College	14
Penmanship	45
Positions, Guarantee of	48
Preparatory Department	43, 44
Program of Recitations	36
Professional Subjects for Teachers	40
Public Speaking	40
Publications	15
Regulations	20
Reports Required Work	25
Requirements for Graduation	23, 43
Rooms and Boarding	18
Schedule of Recitations	36
Scholarships	19
Self Help	19
Senate, College	3
Shorthand Course	46
State Certificates	39
Students, Roll of	57
Subjects for Admission	22
Subjects, Number of	20
Summary	70
Teachers' Professional Subjects	40
Trustees	3
Tuition	17
Voice Culture	35, 52
Y. M. & Y. W. C. A.	13

3 0112 105622143